BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	18	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
	RCC SUMP							
	RCC wall shut	1	2	6.10		2.40	29.28	
		1	2	3.75		2.40	18.00	
	RCC wall shut	1	2	5.64		2.40	27.07	
		1	2	3.29		2.40	15.79	
						Total	90.14	
						Approved BOQ qty	91.50	
						Qty payable in this Bill	90.14	sqm

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Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP
8/4/21

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	14	
Item Name:	Providing and laying cement concrete using 20 mm and down size granite jelly of Ready mixed concrete (RMC) M-25 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel, fabrication charges and plastering.) complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
	Raft		1	6.7	4.35	0.3	8.74	
	RCC Walls							
	Long walls		2	6.1	0.23	2.4	6.73	
	Short walls		2	3.3	0.23	2.4	3.64	
	Sump tank Roof		1	6.1	3.75	0.3	6.86	
						Total	**25.98**	
				Approved BOQ qty			**81.76**	
				Qty payable in this Bill			**25.98**	**CUM**

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Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP
16/4/19

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

ame of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

No: **5**

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Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20% concentration,including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications.(Plinth area of the building at ground floor only shall be measured) complete as per the direction of the Engineer in-charge.

CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
Plinth area		1	1105			1105.00	
					Total	1105.00	
					Approved BOQ qty	1,105.00	sqm
					Qty payable in this Bill	1,105.00	sqm

Concrete

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP
16/4/24

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	7	
Item Name:	Providing and laying in position Plain Cement Concrete of Mix 1:4:8 with OPC cement @ 180kgs, with 40mm & down size graded granite metal coarse aggregates @ 0.85 cum & fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification complete as per the direction of the Engineer in-charge.	

CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS
For Grade Beam (internal)						
GB1 (230X600)	1	9.40	0.60	0.150	0.85	
GB2 (230X600)	1	3.50	0.60	0.150	0.32	
GB3 (230X600)	1	9.33	0.60	0.150	0.84	
GB4 (230X600)	1	30.10	0.60	0.150	2.71	
GB5(230X600)	1	30.10	0.60	0.150	2.71	
GB6 (150X600)	4	3.30	0.60	0.150	1.19	
GB6A (150X600)	4	2.00	0.60	0.150	0.72	
GB7 (230X600)	2	14.64	0.60	0.150	2.64	
GB7A (230X600)	4	2.10	0.60	0.150	0.76	
GB8 (230X600)	4	7.56	0.60	0.150	2.72	
GB9 (230X600)	1	30.10	0.60	0.150	2.71	
GB9A (230X600)	1	2.51	0.60	0.150	0.23	
GB10 (230X600)	1	14.54	0.60	0.150	1.31	
GB11 (230X600)	2	4.99	0.60	0.150	0.90	
GB12 (230X600)	2	7.56	0.60	0.150	1.36	
GB13 (230X600)	1	15.49	0.60	0.150	1.39	
GB14 (230X600)	1	6.97	0.60	0.150	0.63	
GB15 (230X600)	6	5.27	0.60	0.150	2.85	
GB16 (230X600)	1	2.88	0.60	0.150	0.26	
GB17 (0.15X600)	12	3.34	0.60	0.150	3.61	
	4	1.80	0.60	0.150	0.65	
	1	1.38	0.60	0.150	0.12	
GB18 (230X600)	12	5.77	0.60	0.150	6.23	
GB19 (230X600)	1	6.00	0.60	0.150	0.54	
GB20 (230X600)	1	11.23	0.60	0.150	1.01	
	1	12.53	0.60	0.150	1.13	

AEE(P)-2 RRN

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Asst. Engineer
Project RR-Nagara

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Project-RR Nagara

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	GB21 (230X600)	1	7.15	0.60	0.150	0.64	
	GB22 (230X600)	2	5.55	0.60	0.150	1.00	
	GB23 (230X600)	2	6.53	0.60	0.150	1.18	
	GB23A (230X600)	2	5.30	0.60	0.150	0.95	
	GB24 (230X600)	2	3.57	0.60	0.150	0.64	
	GB25 (230X600)	1	3.60	0.60	0.150	0.32	
	GB26 (230X600)	1	3.60	0.60	0.150	0.32	
					Total	**45.42**	**CUM**
			Qty payable in this Bill			**45.42**	**CUM**

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Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

17/4/24

Asst.Executive Engineer
Project-RR Nagara
BBMP

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Consultant Representative .

Asst. Engineer
Project RR-Nagara

Asst. Exece. Engineer .
Project-RR Nagara .

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	28	
Item Name:	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. complete as per the direction of the Engineer in-charge. For columns ,beams , sump tank , roof slab, misc. works.	

	Description	dia (mm)	Nos	Length	total length (in mts)	Wt kg/mt	total Wt (kgs)	REMARKS
a	**GB1 (230 X600)**							
	Top rod.	16	1	2	17.8	1.58025	56.26	
	Bottom rod	16	1	2	17.80	1.58	56.26	
	Stirrups @ 15(	8	1	107	1.60	0.40	67.80	
	GB2 (230 X600)							
	Top rod.	16	1	2	4.70	1.58	14.85	
	Bottom rod	16	1	2	4.70	1.58	14.85	
	Stirrups @ 15(	8	1	66	1.60	0.40	41.82	
b	GB3 (230 X600)							
	Top rod.	16	1	2	11.16	1.58	35.27	
	Extra Top rod.	16	1	2	3.00	1.58	9.48	
	Top rod at en(	16	1	2	2.20	1.58	6.95	
	Bottom rod	16	1	3	11.16	1.58	52.91	
	Extra Bottom	16	1	2	2.50	1.58	7.90	
	Stirrups	8	1	66	1.60	0.40	41.82	
c	GB4 (230 X600)							
	Top rod.	16	1	2	40.25	1.58	127.21	
	Extra Top rod.	20	1	8	3.20	2.47	63.21	
	Bottom rod	16	1	2	40.45	1.58	127.84	
	Extra Bottom	20	1	2	4.30	2.47	21.23	
	Extra Bottom	16	1	2	4.30	1.58	13.59	
	Stirrups	8	1	244	1.60	0.40	154.62	
d	GB5 (230 X600)							
	Top rod.	16	1	2	40.25	1.58	127.21	
	Extra Top rod	16	1	4	1.60	1.58	10.11	
	Extra Top rod.	16	1	8	2.10	1.58	26.55	
		16	1	4	1.90	1.58	12.01	

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		16	1	4	2.80	1.58	17.70
	Bottom rod	16	1	3	40.25	1.58	190.81
	Stirrups @ 15(	8	1	239	1.60	0.40	151.45
	Stirrups @ 10(	8	1	91	1.60	0.40	57.66
f	GB6(150X600)						
	Top rod.	16	4	2	4.50	1.58	56.89
	Bottom rod	16	4	2	4.60	1.58	58.15
	Stirrups	8	4	26	1.44	0.40	59.33
g.	GB6A(150 X600)						
	Top rod.	16	4	2	2.95	1.58	37.29
	Bottom rod	16	4	2	2.95	1.58	37.29
	Stirrups	8	4	16	1.44	0.40	36.51
h.	GB7(230X600)						
	Top rod.	16	2	2	18.79	1.58	118.77
	Bottom rod	16	2	2	18.79	1.58	118.77
	Stirrups	8	2	90	1.60	0.40	114.06
i.	GB7A(230X600)						
	Top rod.	16	4	2	3.31	1.58	41.84
	Bottom rod	16	4	2	3.31	1.58	41.84
	Stirrups	8	4	17	1.60	0.40	43.09
j.	GB8(230X600)						
	Top rod.	16	4	2	11.71	1.58	148.04
	Extra rod@ en	16	4	4	1.60	1.58	40.45
	Extra Top rod.	16	4	4	2.10	1.58	53.10
	Bottom rod	16	4	2	11.71	1.58	148.04
	Stirrups	8	4	62	1.60	0.40	157.15
l.	GB9(230X600)						
	Top rod.	16	1	2	40.25	1.58	127.21
	Extra rod @ e	16	1	4	1.60	1.58	10.11
	Extra Top rod.	16	1	8	2.20	1.58	27.81
	Extra Top rod.	16	1	4	2.75	1.58	17.38
	Extra Top rod.	16	1	4	4.00	1.58	25.28
	Extra Top rod.	16	1	2	1.70	1.58	5.37
	Bottom rod	16	1	3	40.25	1.58	190.81
	Extra Bottom	16	1	4	11.00	1.58	69.53
	Extra Bottom	16	1	2	8.20	1.58	25.92
	Stirrups @ 15(	8	1	169	1.60	0.40	107.09
	Stirrups @ 10(	8	1	77	1.60	0.40	48.79
	Stirrups @ 12	8	1	52	1.60	0.40	32.95
n.	GB9A(150X600)						
	Top rod.	16	1	2	3.92	1.58	12.39
	Bottom rod	16	1	2	3.92	1.58	12.39
	Stirrups	8	1	19	1.44	0.40	10.84
m	GB10(230X600)						
	Top rod.	20	1	2	18.79	2.47	92.79
	Extra Top rod.	16	1	4	4.00	1.58	25.28

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	Bottom rod	20	1	3	18.79	2.47	139.19
	Stirrups	8	1	119	1.60	0.40	75.41
n.	GB11(230X600)						
	Top rod.	16	2	2	6.16	1.58	38.94
	Bottom rod	16	2	2	6.16	1.58	38.94
	Extra Bottom	16	2	2	3.50	1.58	22.12
	Stirrups	8	2	53	1.60	0.40	67.17
o.	GB12(230X600)						
	Top rod.	16	2	2	11.71	1.58	74.02
	Bottom rod	16	2	2	11.48	1.58	72.56
	Stirrups	8	2	72	1.60	0.40	91.25
p.	GB13(230X600)						
	Top rod.	16	1	2	18.79	1.58	59.39
	Extra Top rod	16	1	2	4.00	1.58	12.64
	Bottom rod	16	1	2	19.25	1.58	60.84
	Extra Bottom	16	1	2	6.00	1.58	18.96
	Stirrups	8	1	124	1.60	0.40	78.58
p.	GB14(230X600)						
	Top rod.	16	1	2	8.57	1.58	27.09
	Extra Top rod	16	1	2	4.00	1.58	12.64
	Stirrups	8	1	52	1.60	0.40	32.95
q.	GB15(230X600)						
	Top rod.	16	6	2	7.21	1.58	136.72
	Extra Top rod	12	6	4	2.40	0.89	51.20
	Bottom rod	16	6	2	7.21	1.58	136.72
	Extra Bottom	12	6	2	4.60	0.89	49.07
	Stirrups @ 15	8	6	25	1.60	0.40	95.05
	Stirrups @ 20	8	6	15	1.60	0.40	57.03
r.	GB16(230X600)						
	Top rod.	16	1	2	4.32	1.58	13.65
	Bottom rod	16	1	2	4.32	1.58	13.65
	Stirrups	8	1	23	1.60	0.40	14.57
s.	GB17(150X600)						
a	**Top rod.**	16	12	2	4.32	1.58	163.84
	Bottom rod	16	12	2	4.32	1.58	163.84
	Stirrups	8	12	23	1.44	0.40	157.45
b	Top rod.	16	4	2	2.55	1.58	32.24
	Bottom rod	16	4	2	2.55	1.58	32.24
	Stirrups	8	4	12	1.44	0.40	27.38
c	Top rod.	16	1	2	2.59	1.58	8.19
	Bottom rod	16	1	2	2.59	1.58	8.19
	Stirrups	8	1	10	1.44	0.40	5.70
s.	GB18(230X600)						
a	**Top rod.**	16	12	2	7.21	1.58	273.45

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	Bottom rod	16	12	3	7.21	1.58	410.17
	Extra Top rod	16	12	2	2.35	1.58	89.13
	Extra Bottom	16	12	6	4.50	1.58	512.00
	Stirrups	8	12	41	1.60	0.40	311.77
s.	GB19(230X600)						
a	**Top rod.**	16	1	2	27.97	1.58	88.40
	Bottom rod	16	1	2	27.97	1.58	88.40
	Extra Top rod	16	1	2	3.50	1.58	11.06
	Extra Top rod.	16	1	4	2.80	1.58	17.70
	Extra Top rod.	16	1	4	3.00	1.58	18.96
	Extra Bottom	16	1	6	4.50	1.58	42.67
	Stirrups	8	1	161	1.60	0.40	102.02
	GB20(230X600)						
	Top rod.	16	2	2	15.77	1.58	99.68
	Bottom rod	16	2	2	15.77	1.58	99.68
	Extra Top rod	16	2	2	3.50	1.58	22.12
	Extra Top rod.	16	2	2	2.75	1.58	17.38
	Extra Top rod.	16	2	2	3.75	1.58	23.70
	Extra Bottom	16	2	4	4.20	1.58	53.10
	Stirrups @ 15	8	2	95	1.60	0.40	120.40
	GB21(230X600)						
	Top rod.	16	2	2	9.24	1.58	58.41
	Bottom rod	16	2	2	9.24	1.58	58.41
	Stirrups	8	2	53	1.60	0.40	67.17
	GB22(230X600)						
	Top rod.	20	2	2	15.77	2.47	155.75
	Bottom rod	20	2	2	15.77	2.47	155.75
	Extra Top rod	20	2	2	2.35	2.47	23.21
	Extra Top rod.	20	2	2	2.75	2.47	27.16
	Extra Top rod.	20	2	2	3.75	2.47	37.04
	Extra Bottom	20	2	2	4.20	2.47	41.48
	Stirrups @ 15	8	2	55	1.60	0.40	69.70
	Stirrups @ 12	8	2	47	1.60	0.40	59.57
	GB23(230X600)						
	Top rod.	16	2	2	8.82	1.58	55.75
	Bottom rod	16	2	2	8.82	1.58	55.75
	Extra Bottom	12	2	2	3.53	0.89	12.55
	Stirrups	8	2	49	1.60	0.40	62.10
	GB23A(230X600)						
	Top rod.	16	2	2	6.05	1.58	38.24
	Bottom rod	16	2	2	6.05	1.58	38.24
	Stirrups	8	2	36	1.60	0.40	45.62
	GB24(230X600)						
	Top rod.	16	2	2	4.32	1.58	27.31
	Bottom rod	16	2	2	4.32	1.58	27.31
	Stirrups	8	2	23	1.60	0.40	29.15

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Agency

Asst. Engineer
Project RR-Nagara
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k.	GB25(230X600)							
	Top rod.	16	1	2	4.81	1.58	15.20	
	Bottom rod	16	1	2	4.81	1.58	15.20	
	Stirrups	8	1	32	1.60	0.40	20.28	
k.	GB26(230X600)							
	Top rod.	16	1	2	4.81	1.58	15.20	
	Bottom rod	16	1	2	4.81	1.58	15.20	
	Stirrups	8	1	27	1.60	0.40	17.11	
	Stirrups	8	1	27	1.60	0.40	17.11	
	STAIRCASE							
Dia of bars (mm)		nos	L	Total L	item nos			
	Main rod 1st f	9	5.00	45.0	1	0.89	40.05	
	Tension top ro	9	2.2	19.8	2	0.89	35.24	
	Distribution	52	1.2	62.4	1	0.62	38.69	
	Landing to La	9	5.4	48.6	1	0.89	43.25	
	Toprod tensio	9	2	18.0	2	0.89	32.04	
	Distribution	66	1.2	79.2	1	0.62	49.10	
	landing to roo	9	6.5	58.5	1	0.89	52.07	
	tension rod	9	2.2	19.8	2	0.89	35.24	
	Distribution	66	1.2	79.2	1	0.62	49.10	
	Main	2	4.35	8.7	1	1.58	13.75	
	Inclined	2	2.2	4.4	2	1.58	13.90	
	Inclined	2	3.2	6.4	2	1.58	20.22	
	Rings	46	1.4	64.4	1	0.40	25.44	
	Main	11	2.025	22.3	1	0.89	19.82	
						Total	**9,823.85**	
							9.82	**Tonne**
				Qty payable in this Bill			**9.82**	**Tonne**

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

20/4/17

Asst.Executive Engineer
Project-RR Nagara
BBMP

Agency

Consultant Representative

Asst. Engineer
Project RR-Nagara

Asst. Exece. Engineer
Project-RR Nagara

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	20	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides & soffits of Beams, beam haunchings, cantilever girders, bressumers & Lintels & not exceeding 1.0 m in depth including cost of all materials, labour complete as per specifications.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
	For Grade Beam							
	GB1 (230X600)	2	1	17.05		0.60	20.46	
	GB2 (230X600)	2	1	3.72		0.60	4.46	
	GB3 (230X600)	2	1	10.41		0.60	12.49	
	GB4 (230X600)	2	1	39.50		0.60	47.40	
	GB5(230X600)	2	1	39.50		0.60	47.40	
	GB6 (150X600)	2	4	3.70		0.60	17.76	
	GB6A (150X600)	2	4	2.00		0.60	9.60	
	GB7 (230X600)	2	2	18.04		0.60	43.30	
	GB7A (230X600)	2	4	2.10		0.60	10.08	
	GB8 (230X600)	2	4	10.96		0.60	52.61	
	GB9 (230X600)	2	1	39.50		0.60	47.40	
	GB9A(230X600)	2	1	2.51		0.60	3.01	
	GB10 (230X600)	2	1	18.04		0.60	21.65	
	GB11 (230X600)	2	2	5.22		0.60	12.53	
	GB12 (230X600)	2	2	10.96		0.60	26.30	
	GB13 (230X600)	2	1	18.04		0.60	21.65	
	GB14 (230X600)	2	1	7.82		0.60	9.38	
	GB15 (230X600)	2	6	6.00		0.60	43.20	
	GB16 (230X600)	2	1	3.11		0.60	3.73	
	GB17 (0.15X600)	2	12	3.57		0.60	51.41	
		2	4	1.80		0.60	8.64	
		2	1	1.38		0.60	1.66	
	GB18 (230X600)	2	12	6.00		0.60	86.40	
	GB19 (230X600)	2	1	23.82		0.60	28.58	
	GB20 (230X600)	2	1	13.78		0.60	16.54	
		2	1	14.10		0.60	16.92	

AEE(P)-2 RRN

Agency

Asst. Engineer
Project RR-Nagara
22/4/17

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

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Asst. Exece. Engineer .
Project-RR Nagara .

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	GB21 (230X600)	2	1	8.03		0.60	9.64	
	GB22 (230X600)	2	2	5.55		0.60	13.32	
	GB23 (230X600)	2	2	7.38		0.60	17.71	
	GB23A(230X600)	2	2	5.30		0.60	12.72	
	GB24 (230X600)	2	2	3.57		0.60	8.57	
	GB25 (230X600)	2	1	4.06		0.60	4.87	
	GB26 (230X600)	2	1	4.06		0.60	4.87	
						Total	**736.26**	**sqm**
			Qty payable in this Bill				**736.26**	**sqm**

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

22/4/21

Asst.Executive Engineer
Project-RR Nagara
BBMP

Agency

Asst. Engineer
Project RR-Nagara

Consultant Representative .

Asst. Exece. Engineer .
Project-RR Nagara .

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	13	
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of Ready Mixed Concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) M30 grade complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
	For Grade Beam							
	GB1 (230X600)	1	1	17.05	0.23	0.60	2.35	
	GB2 (230X600)	1	1	3.72	0.23	0.60	0.51	
	GB3 (230X600)	1	1	10.41	0.23	0.60	1.44	
	GB4 (230X600)	1	1	39.50	0.23	0.60	5.45	
	GB5(230X600)	1	1	39.50	0.23	0.60	5.45	
	GB6 (150X600)	1	4	3.70	0.15	0.60	1.33	
	GB6A (150X600)	1	4	2.00	0.15	0.60	0.72	
	GB7 (230X600)	1	2	18.04	0.23	0.60	4.98	
	GB7A (230X600)	1	4	2.10	0.23	0.60	1.16	
	GB8 (230X600)	1	4	10.96	0.23	0.60	6.05	
	GB9 (230X600)	1	1	39.50	0.23	0.60	5.45	
	GB9A (230X600	1	1	2.51	0.23	0.60	0.35	
	GB10 (230X600)	1	1	18.04	0.23	0.60	2.49	
	GB11 (230X600)	1	2	5.22	0.23	0.60	1.44	
	GB12 (230X600)	1	2	10.96	0.23	0.60	3.02	
	GB13 (230X600)	1	1	18.04	0.23	0.60	2.49	
	GB14 (230X600)	1	1	7.82	0.23	0.60	1.08	
	GB15 (230X600)	1	6	6.00	0.23	0.60	4.97	
	GB16 (230X600)	1	1	3.11	0.23	0.60	0.43	
	GB17 (0.15X600)	1	12	3.57	0.15	0.60	3.86	
		1	4	1.80	0.15	0.60	0.65	
		1	2	1.38	0.15	0.60	0.25	
	GB18 (230X600)	1	12	6.00	0.23	0.60	9.94	
	GB19 (230X600)	1	1	23.82	0.23	0.60	3.29	
	GB20 (230X600)	1	1	13.78	0.23	0.60	1.90	
		1	1	14.10	0.23	0.60	1.95	

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QUALITY CONSULTANTS & ENGINEERS Bangalore

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Asst. Engineer
Project RR-Nagara

22/4/24.

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	GB21 (230X600)	1	1	8.03	0.23	0.60	1.11	
	GB22 (230X600)	1	2	5.55	0.23	0.60	1.53	
	GB23 (230X600)	1	2	7.38	0.23	0.60	2.04	
	GB23A(230X600)	1	2	5.30	0.23	0.60	1.46	
	GB24 (230X600)	1	2	3.57	0.23	0.60	0.99	
	GB25 (230X600)	1	1	4.06	0.23	0.60	0.56	
	GB26 (230X600)	1	1	4.06	0.23	0.60	0.56	
						Total	**81.23**	**CUM**
				Qty payable in this Bill			**81.23**	**CUM**

AEE(P)-2 RRN

QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

28/4/21

Asst.Executive Engineer
Project-RR Nagara
BBMP

Agency

Asst. Engineer
Project RR-Nagara

Consultant Representative .

Asst. Exece. Engineer .
Project-RR Nagara .

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	6	
Item Name:	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. complete as per the direction of the Engineer in-	

CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
A4-A6/A'4-A'6		1	3.35	1.385	0.75	3.48	
A'4-A'6/C'4-C'6		1	3.35	4.385	0.75	11.02	
A6-A8/C6-C8		1	4.154	6.00	0.75	18.69	
A8-A11/C8-C11,		1	4.154	6.00	0.75	18.69	
A11-A13/C11-C13		1	4.154	6.00	0.75	18.69	
B13-B'14/C13-C14		1	4.154	6.00	0.75	18.69	
C6-C8/D6-D8		1	4.154	6.00	0.75	18.69	
C8-C11/D8-D11		1	4.154	6.00	0.75	18.69	
C11-C13/D11-D13		1	4.154	6.00	0.75	18.69	
C1-C5/D1-D5		1	10.5	6.00	0.75	47.25	
C14-C17/D14-D17		1	10.5	6.00	0.75	47.25	
F1-F5/H1-H4		1	10.5	6.00	0.75	47.25	
F14-F17/H14-H17		1	10.5	6.00	0.75	47.25	
J1-L1-J5-L5 / J14-L14-J17-L17		1	10.5	6.00	0.75	47.25	

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Agency

Asst. Engineer
Project RR-Nagara
30/4/24

Consultant Representative

Asst. Exece. Engineer
Project-RR Nagara

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